

**Course Catalogue Summer Semester 2014
for the study course at the Institute for European Urban Studies**

Study Projects
Seminars
Lectures
Exercises
Colloquiums

Study Projects

Prof. Bernd Nentwig
Dipl.-Ing. (FH) Philippe Schmidt

c P Study Project - Interdisciplinary Fields 21 Credits*

Study Project Master European Urban Studies / Advanced Urbanism / Erasmus in summer semester 2014 in collaboration with Space Syntax

**The study project takes place in collaboration with Prof. Dr. Dirk Donath, Martin Bielik, Chair of Computer Science in Architecture (InfAR), Dr. Adél Gyimóthy, Chair of Landscape Architecture and Landscape Planning and Prof. Dr. Frank Eckardt, Chair of Sociological Urban Research / Tutors: Nicole Kirchberger, Srdjan Mandić*

Integrated Frequencies – Decoding Urban Space in Vienna

In the discussion about “liveable cities” urban space is mostly perceived as either a form of vital neighbourhoods in vibrant areas or as neglected or unattractive areas that are emptied out and deprived of urban life. Depending not only on the situation of the built environment or the uses in a single location, but rather depending on the context of a place in a grid of flows and movement patterns, there are different methods that help us understand why we perceive space as “working” or not. The perception of a location and its surroundings depends on several parameters that influence each other and finally make us read it as an urban text. In our study project we aim to decode and understand how functions and uses are interconnected with the idea of the urban morphology that constitutes our imagination of the ‘European City’. For this purpose, we will study areas of two cities with the methods developed by Space Syntax. Our goal will be to analyse and visualize in how far the creation of urban space is related to movement patterns and in how far those can be integrated in planning the urban realm. What are the challenges of adapting the existing urban fabric to future demands and in how far are master plans able to respond to these demands either? Are there correlations between the built form of the city and its heterogeneous spaces? And in how far are those urban spaces influenced by aspects of social space, creating conflicting areas dedicated through different uses and groups of inhabitants? A preparatory phase will take place in Weimar, while the core subject of the study project is Vienna. Here, we will look at areas of the existing urban fabric to study and better understand the learned methods which will be later applied to a masterplan-analysis of a new urban development “Aspern Seestadt” recognizing its deficiencies and potentials. This will include areas of commercial and cultural importance as well as housing areas at the edge of the city. Based on the analysis of four existing neighbourhoods in Vienna, we will try to understand in how far a masterplan can incorporate urbanists’ ideas and visions. The field studies will include Mariahilfer Straße that has recently been reorganized and serves as a test-site for rehabilitation and traffic reduction measures, partly being converted to a pedestrian zone, as well as housing areas in Vienna. The results will lead to a discussion about Aspern Seestadt and the development of recommendations for this large development project currently being realised according to an existing master plan. The project is considering to bring into relation aspects of morphological analysis, spatial theory as well as sociological aspects of planning. The masterplan of Aspern Seestadt goes back to a competition won in 2007 by Team Tovatt Architects & Planners with Prof. Bernd Nentwig (N+ Objektmanagement) who is teaching project development at the Institute for European Urban Studies and will be involved in the design analysis for this study project. Two seminars accompanied by exercises are backing the study project. The seminar “Computational Analysis of Urban Space” will include the theoretical fundamentals for different approaches and instruments of urban spatial analysis as well as their application in real space. The methodological instruction and a first preparatory training of methods will take place in Weimar with the focus on Space Syntax. A second application of the method will take place in Vienna during a six-days study trip from 4.-9. May 2014. The seminar “Understanding Vienna” is targeting on the different spheres of the city and places architecture and urban development into the broader context of cultural, societal and mental development of the Austrian capital. The course will be held as a pilot project of the Bauhaus-University’s participation in the BMBF (German Ministry for Education and Research) project “Offene Hochschulen” (Open Universities) with its programme “Professional Bauhaus”. The proposed study project at the Institute for European Urban Studies is targeting on online-collaboration to explore blended learning formats in the field of architecture and design education. For this purpose Space Syntax will cooperate on the study format for the purpose of learning and applying Space Syntax software, including Online-Lectures as well as an

list of abbreviations: c – compulsory
e - elective

Karl Eckert (M.Sc.)

e S Spatial Planning 3 Credits

The Production of the EU – Cohesion through Urban Renovation

The European Union is heavily investing in the renovation of its urban environment in a manner mirrored on no other continent. This is in recognition of the importance cities hold to realize broad political goals such as the Europe 2020 Strategy of a "smart, sustainable and inclusive" growth for the Union. Critical views and opposing opinions become marginalized as broad EU policies become mainstreamed and certain historical, cultural, socio-economic, environmental aspects (among others) are left out if not intentionally ignored. This makes EU funds and their use an important subject to debate, especially in sight of the newly reorganized current programming period which, at least on the surface, represents a new holistic and sustainable approach. But is this really the case?

The seminar will begin with the presentation of research results of the last funding period, including a theoretical foundation for the interpretation of said programming and analytical methods. Topics such as "territorial cohesion" and the urban dimension of EU eastern expansion will be presented and help explain the impact of Cohesion Policy on the city and state level. Students will then undertake their own research on a topic of personal interest related to the priorities and political goals of the EU. At the end of the seminar students shall be able to navigate through EU policy and positively interpret its effect on cities and be empowered to propose new and creative designs for its future use.

Time: Monday, 13:30 – 16:45
Location: Belvederer Allee 5, Room 007
Start: 07.04.2014
Registration: Belvederer Allee 5, 1st Floor
Participants: max. 25

Dr. phil. Bernhard Stratmann

e S Urban Sociology 3 Credits

Urban Australia: Resilience, Sustainability and Headways

The seminar will explore major aspects of urban development in Australia, also looking at the historical formation of Australian cities and the links between urban and societal development. Issues to be discussed will include: housing and housing styles; suburbanization and urban renewal; gentrification; segregation; multiculturalism, diversity and urbanity; the compact city model, urban form and sustainable development; transport and infrastructure; economic restructuring and globalization; cities and regions; place marketing, hallmark events, cities in competition; urban resilience. The concepts employed in the course can be applied to the analysis of urban development in other Western countries, including Germany. In general, the seminar provides students of architecture and of urban studies with an understanding of urban issues as examined by urban sociologists. Being taught overseas the course will commence with an introduction to Australian society, including Aboriginal life and culture.

Time: Monday, 15:15 – 16:45
Location: Geschwister-Scholl-Str. 8, Room 105
Start: 14.04.2014
Registration: Geschwister-Scholl-Str. 8, Room 114
Participants: max. 30

Colloquium:

Dr. Sebastian Schipper

C **Master-Colloquium** 4 Credits

The course is the platform for presentation and discussion of the Masters theses. The candidates will present the intermediate results of their work on their individual topics. Suggestions for further action will be made by fellow students and academics attending the colloquium.

Admission for the Master examination is required for participation.
Performance record (attestation) will be achieved by giving an oral presentation.

Time: Block course, see notice-board
Location: Belvederer Allee 5
Start: See notice-board
Registration: Not necessary, all students accepted for the Master examination have to participate

C **IPP EU Doctorate Colloquium** 4 Credits

The course is the platform for presentation and discussion of the Doctoral theses.

Time: Block course, see notice-board
Location: Belvederer Allee 5
Start: See notice-board
Registration: Not necessary, all students accepted for the Master examination have to participate